

NORTHERN GREAT PLAINS NETWORK			Ozone -----				NADP (kg/ha/yr)==		Visibility - IMPROVE	
Parkname	CLASS	2ndHi1hr	4thHi8hr	#8hr>85	#1hr>100	Sum06_3M	Total S	Total N	bextClear	bextHazy
Antietam NB	2	120.9	91.8	10.7	24.0	33.3	5.20	4.18	30	186
Catoctin Mountain Park	2	122.8	93.1	11.9	26.9	35.3	4.95	4.01	30	184
Chesapeake & Ohio Canal NHP	2	126.8	93.7	12.7	32.6	32.5	5.25	4.29	30	183
George Washington Memorial PKWY	2	125.9	93.2	12.4	31.5	32.5	5.21	4.25	30	183
Greenbelt Park	2	128.5	94.6	13.2	34.8	36.2	5.30	4.34	30	182
Harpers Ferry NHP	2	121.0	91.6	10.5	23.9	32.1	5.35	4.30	29	186
Manassas NBP	2	122.2	91.3	10.5	25.3	30.1	5.27	4.26	29	185
Monocacy NB	2	125.0	93.3	12.0	29.3	34.5	5.15	4.18	30	184
National Capital Parks-East	2	126.8	93.7	12.7	32.6	32.9	5.25	4.29	30	183
Prince William Forest Park	2	122.6	91.5	10.8	25.9	31.3	5.13	4.17	29	185
Rock Creek Park	2	126.8	93.7	12.7	32.6	33.1	5.25	4.29	30	183
Wolf Trap Farm Park	2	125.6	93.1	12.1	30.6	30.6	5.26	4.28	29	184

Class: refers to an area's designation under the Clean Air Act

Ozone information represents 5-yr average of annual values from 1995-1999

2nd High 1 hr concentration (ppb): indicates peak values for ozone; old standard of 0.12 ppm (120 ppb) was based on 2nd hi, 1-hr average

4th high 8 hr concentration (ppb): new ozone standard of 0.08 ppm (80 ppb) is based on 4th hi, 8-hr average

#8 hours>85 ppb: indicates how often the area would be in violation of the new 8-hr standard of 0.08 ppm

hours> 100 ppb: high peaks in ozone concentration, as well as cumulative dose, contribute to vegetation injury

SUM06_3mon (ppm-hrs) - sum of hourly ozone conc≥0.06 ppm (60 ppb) over 3 months (← growing season), i.e., cumulative ozone dose

NADP information represents 6-yr average of annual values from 1995-2000

NADP deposition (kg/ha/yr): estimate of pollutants deposited to ecosystem by precipitation (NADP-National Atmospheric Deposition Program)

NADP Total S - sulfur from sulfate deposited by precipitation

NADP Total N - inorganic nitrogen (ammonium plus nitrate) deposited by precipitation

Visibility IMPROVE information represents 5-yr average of annual values from 1995-1999

bextClear - measure of light scattering and absorption, i.e., extinction, by particles in the air on an average clear day

bextHazy - measure of light scattering and absorption, i.e., extinction, by particles in the air on an average hazy day